

IN THE CLAIMS:

1. (Currently amended) An isolated human protein hAMSH ~~having, which is a signal~~
transduction molecule for cell proliferation, and has the amino acid sequence of SEQ ID No. 1.

2. (Previously presented) An isolated human gene encoding the human protein hAMSH
of claim 1.

3. (Currently amended) A cDNA of ~~the a human gene of claim 2;~~ encoding a human
protein hAMSH, which is a signal transduction molecule for cell proliferation, wherein the cDNA
is selected from the group consisting of: which is

(a) hAMSH cDNA having the nucleotide sequence of SEQ ID No. 2; and

(b) hAMSH cDNA encoding a human protein hAMSH having the amino acid sequence of
SEQ ID No. 1.

4. (Cancelled)

5. (Previously presented) A recombinant vector containing the hAMSH cDNA of claim
3.

6-14. (Cancelled)